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FIG. 1

```
At5g10410      -----MEG---TGVVAVYNGAITEAK-KSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 52
At2g38230      -----MAG---TGVVAVYGEAMTETKQKSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 53
At3g16050      MADQAMTDQDQGAVTLYSGTAITDAKKNHPFSVKVGLAQVLRGGAIVEVSSVNQAKLAES 60
snz3           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER 33
snz2           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER 33
snz1           -----MTG-----EDFKIKSGLAQMLKGGVIMDVVTPEQAKIAEK 35
               *                               * . : * * * * : * * * . : * * : * *

At5g10410      AGACAVMALERVPA DIRAQGGVARMSPQMIKEIKQAVTIPVMAKARIGHFVEAQILEAI 112
At2g38230      AGACAVMALERVPA DIRAQGGVARMSPQMIKEIKNAVITIPVMAKARIGHFVEAQILEAI 113
At3g16050      AGACSVIVSD----PVRSRGGVRRMPDPVLIKEVKRAVSVPVMAARARVGHFVEAQILESL 116
snz3           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz2           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz1           SGACAVMALESIPADMRKSGKVCRMSDPKMIKDIMS SVSIPVMAKVRIGHFVEAQII EAL 95
               : * * * * : . : * * * * : * * * : * * * * * : * * * * * : * * * * * :

At5g10410      GIDYIDSEVLT LADEDHHINKHNFRIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 171
At2g38230      GVDYVDESEVLT LADEDNHINKHNFKIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 172
At3g16050      AVDYIDSEIISVADDDHFINKHNFRSPFICGCRDTGEALRRIREGAAMIRIQGDLTATG 176
snz3           QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz2           QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz1           EVDYIDSEVLT PADWTHHIEKDKFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 154
               : * * : * * * * : . : * * : * * : * * * * : * * * * * : * * : * *

At5g10410      NII EAVRHVRSVNGDIRVLRN--MDDDEVFTFAKKLAAPYDLVMQTKQLGRLPVVQFAAG 229
At2g38230      NVVEAVRHVRSVNGAIRLLRS--MDDDEVFTYAKKIAAPYDLVVQTKELGRLPVVQFAAG 230
At3g16050      NIAETVKNVRS LMGEVRVLNN--MDDDEVFTFAKKISAPYDLVAQTKQMGRVPVVQFASG 234
snz3           DVSEAVKHITKIKAEIQQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVNF AAG 212
snz2           DVSEAVKHITKIKAEIQQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVNF AAG 212
snz1           DVSEAVKHIRRITEEIKACQQ-LKSEDDIAKVAEEMRVPVSLLDVLEKGLPVVNF AAG 213
               : : * * : * * : . : . : . : * : : * . : . : * : * * * * : * *

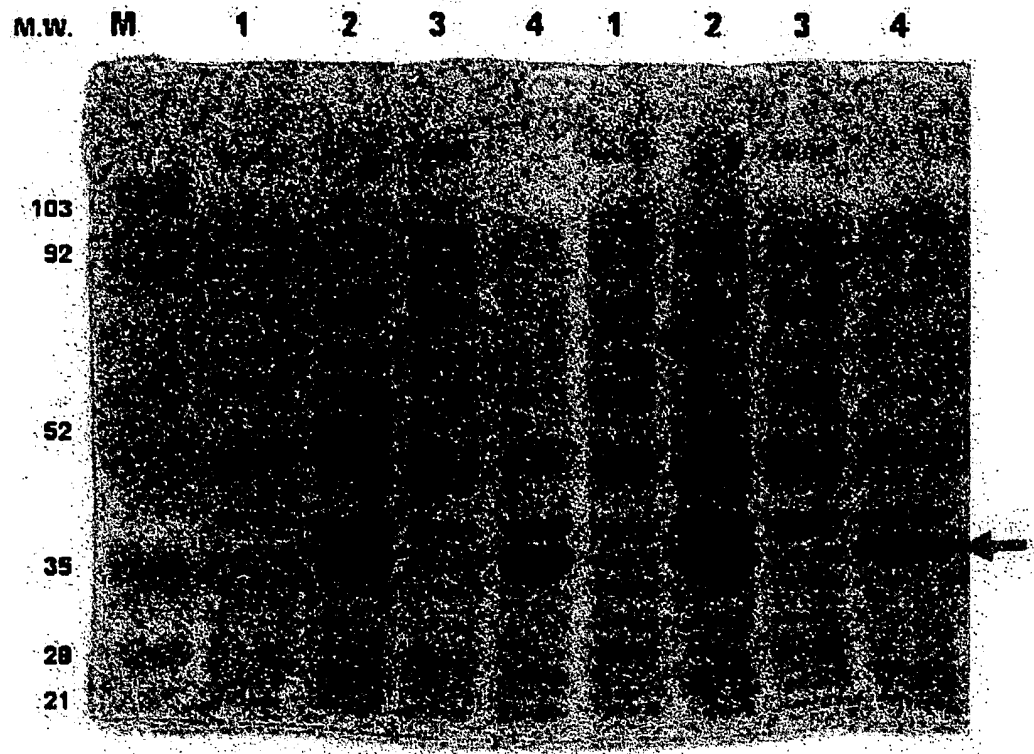
At5g10410      GVATPADAALMMQLGCDGVFVGS GIFKSGDPARRARAIVQAVTHYS DPEMLVEVSCGLGE 289
At2g38230      GVATPADAALMMQLGCDGVFVGS GVFKSGDPVKRAKAI VQAVTNRYDAAVLA EVSCGLGE 290
At3g16050      GITT PADAALMMQLGCDGVFVGS EVFDGPDFFKKLRSIVQAVQHYN DPHVLAEMSSGLEN 294
snz3           GVATPADAALLMQLGCEGVFVGS GIFKSSDPEKLACAIVEATTHYDN PAKLLQVSSDLGD 272
snz2           GVATPADAALLMQLGCEGVFVGS GIFKSSDPEKLACAIVEATTHYDN PAKLLQISSDLGD 272
snz1           GVATPADAALLMQLGCDGVFVGS GIFKSSNPVRLATAVVEATTHFDN PSKLLLEVSSDLGE 273
               * : * * * * * : * * * * * : * . : * : . : * : * . : * :

At5g10410      AMVGINLNDEKVERFANRSE----- 309
At2g38230      AMVGLNLDD-KVERFASRSE----- 309
At3g16050      AMESLNVRGDRIQDFGQGSV----- 314
snz3           LMGGISIQSINEAGGKN GARLSEIGW 298
snz2           LMGGISIQSINEAGGKN GARLSEIGW 298
snz1           LMGGVSI ESISHAS--NGVRLSEIGW 297
               * . : . : .
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FIG. 2



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FIG. 3A

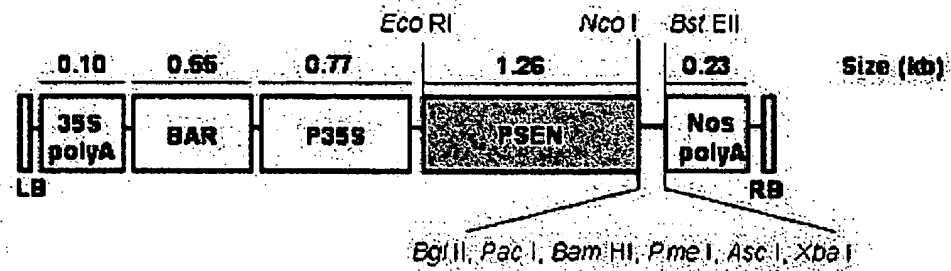
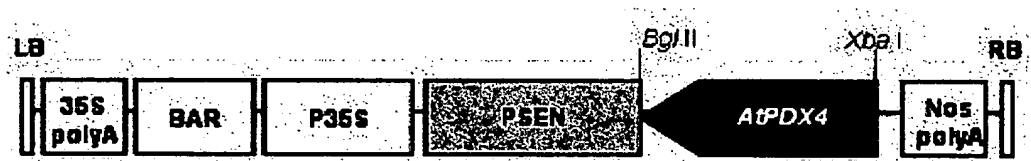
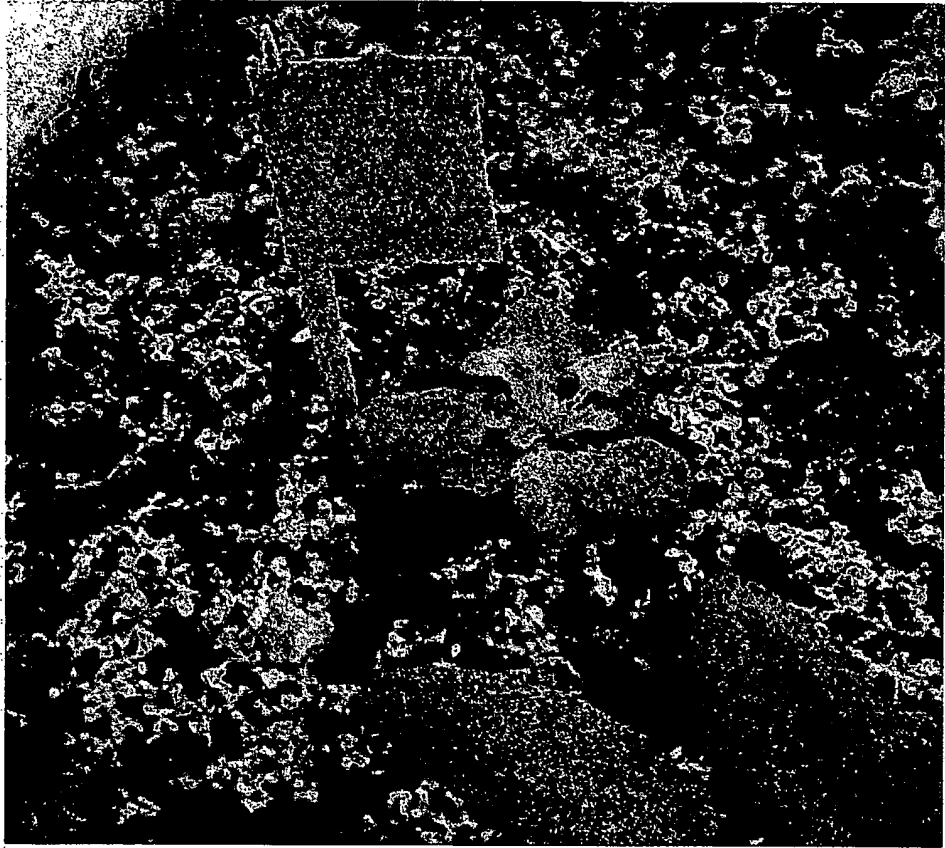


FIG. 3B



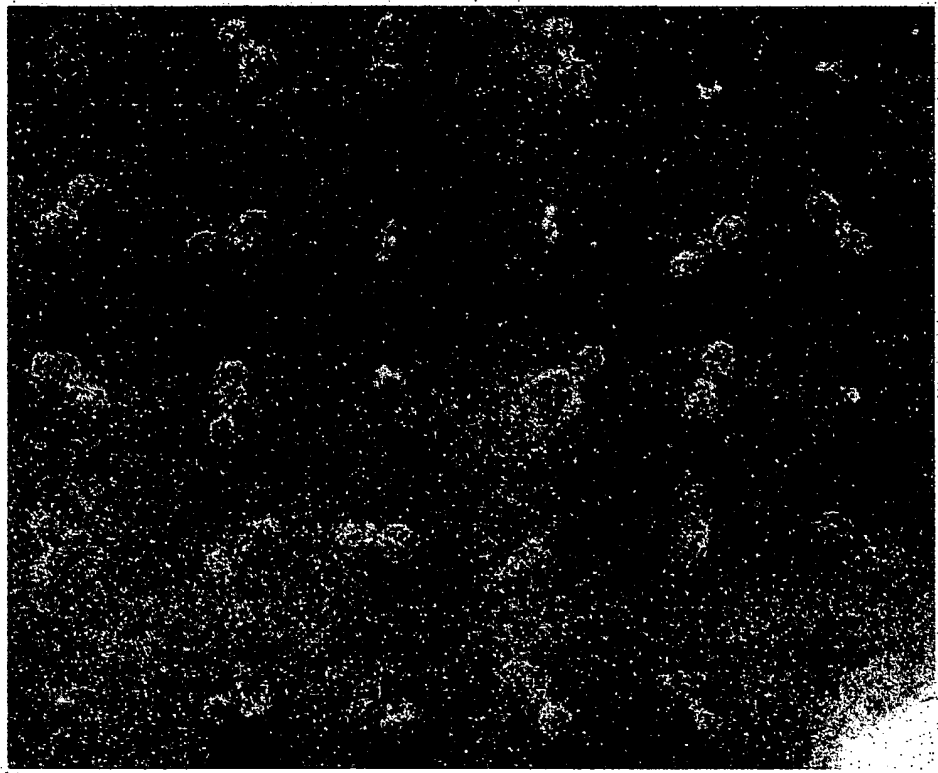
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FIG. 4



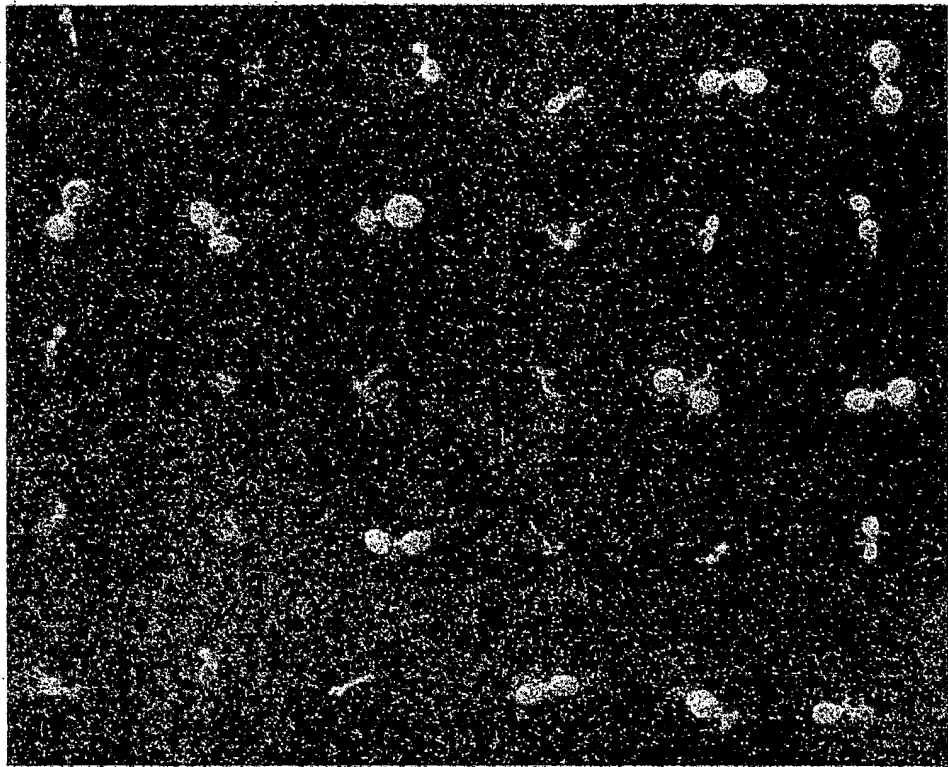
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FIG. 5A



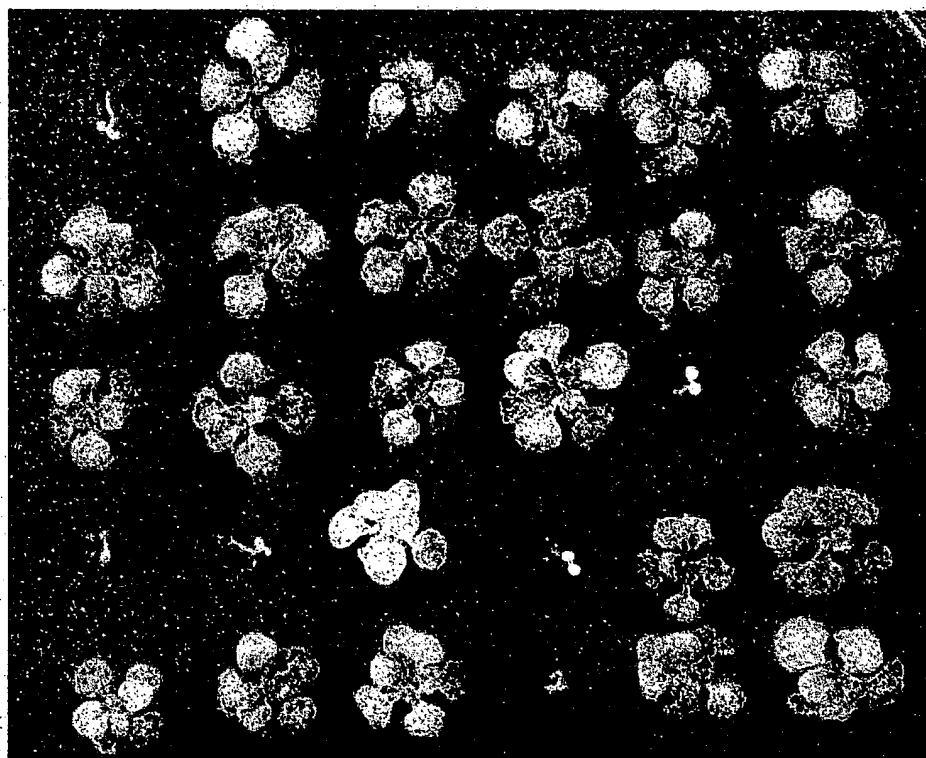
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FIG. 5B



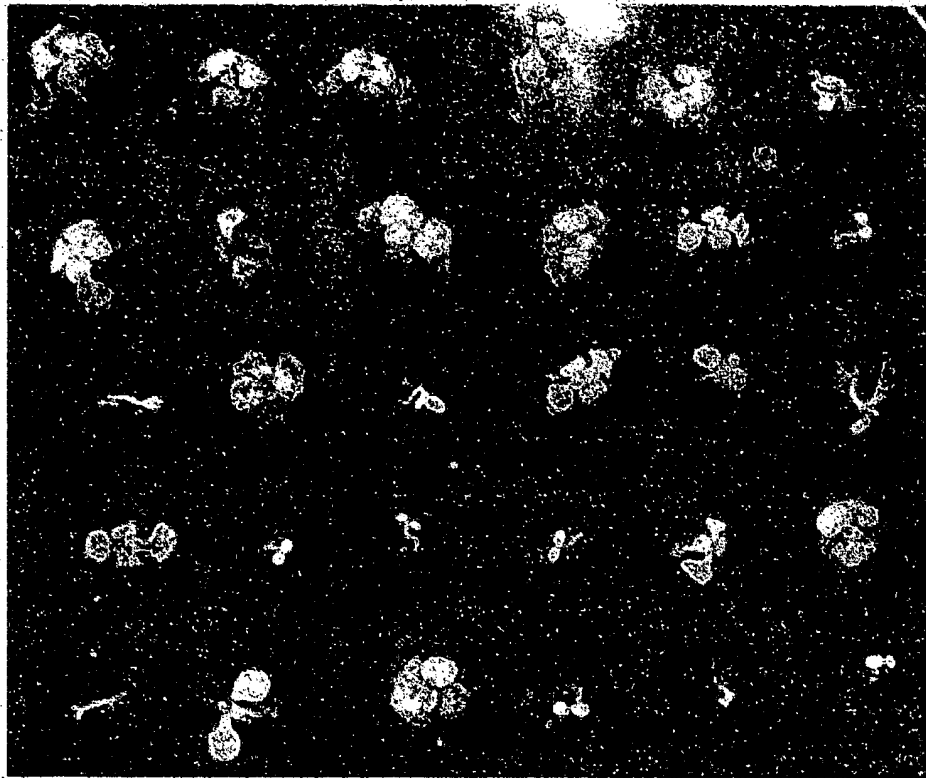
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FIG. 5C



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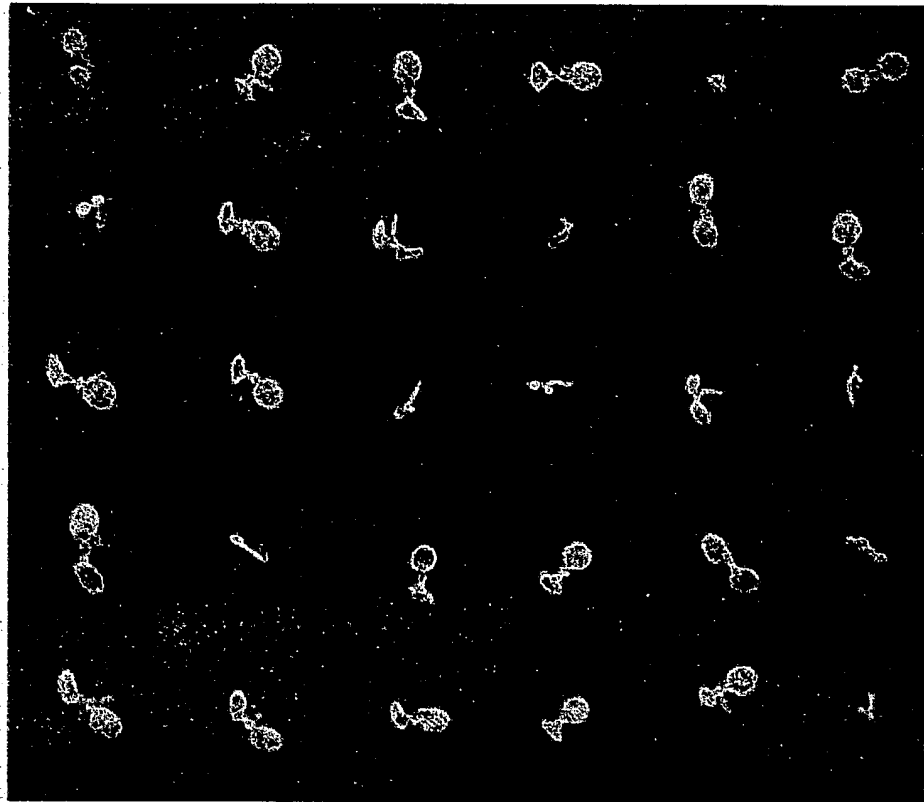
FIG. 5D





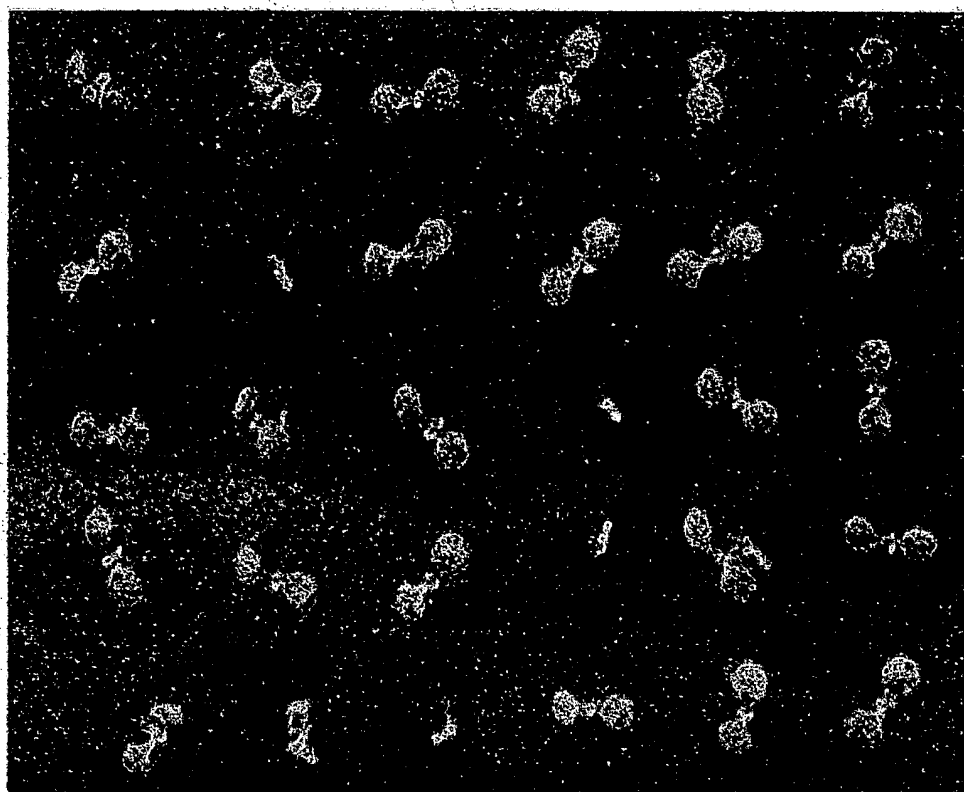
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FIG. 6A



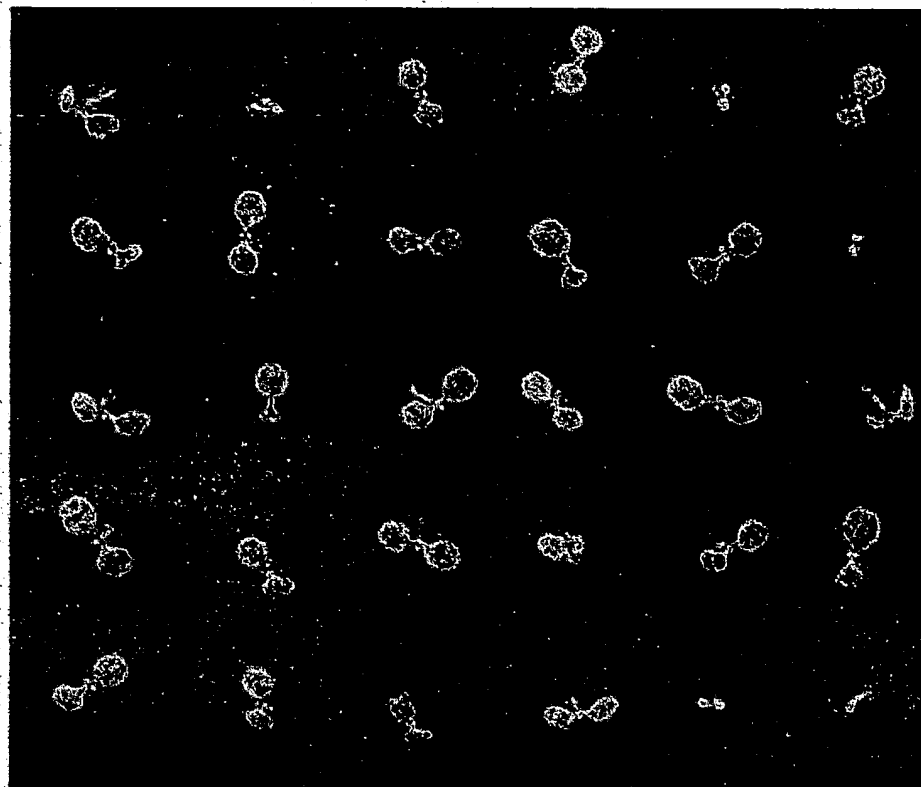
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FIG. 6B



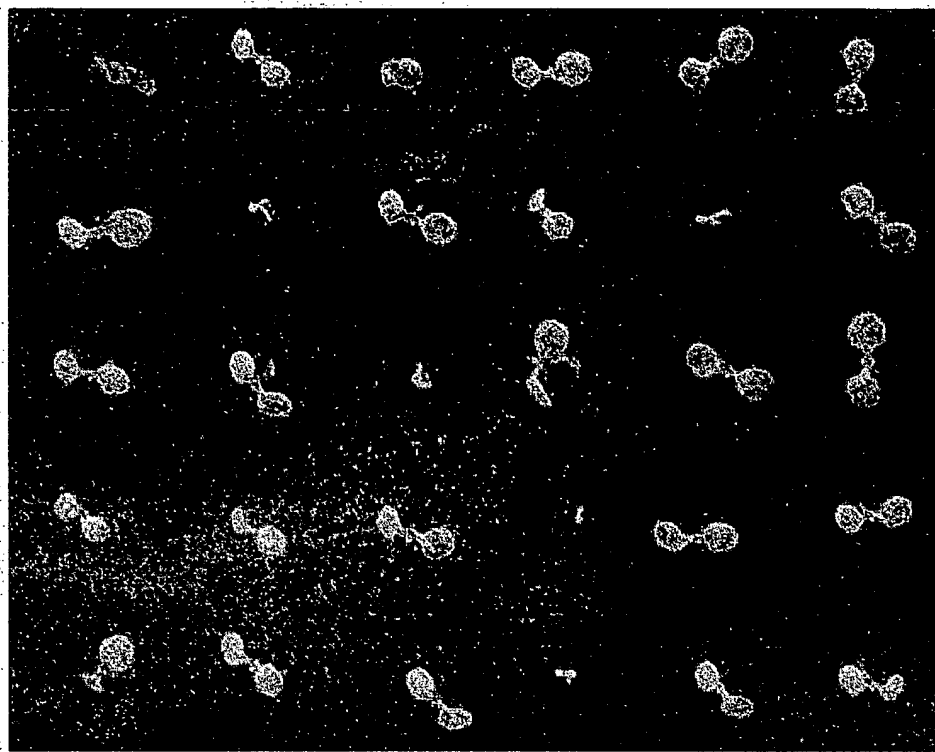
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FIG. 6C



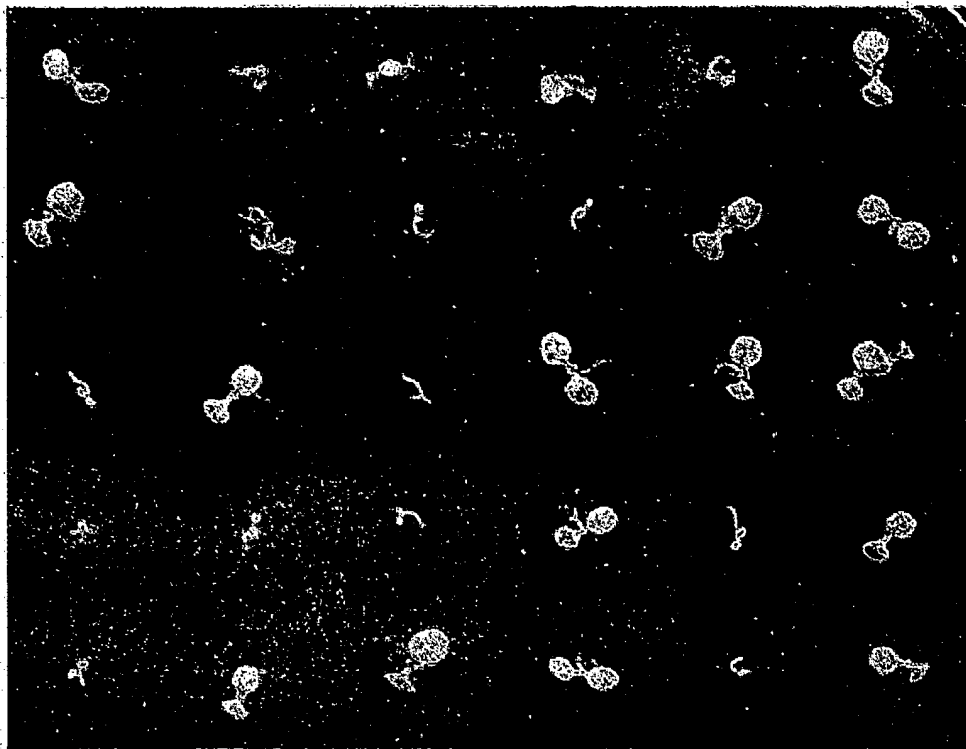
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FIG. 6D



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FIG. 6E



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